



Reassessment of Clinical Pathogens Diagnosed by Sub-urban Facilities of Dhaka: Necessity of Comprehensive Techniques to Manage Antibiotic Resistance

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Supplementary Information

Supplementary table-1A: Biochemical test and presumptive re-identification of selected DFI *E. coli* strains:

Strain ID	IMViC Test				Ca	Mo	TSI agar test			H ₂ S	Sugar fermentation			Presumptive result
	I	M	V	Ci			Slant	Butt	Gas		Xy	Ma	So	
ATCC <i>E. coli</i> 25922	+	+	-	-	+	+	A	A	+	-	+	+	+	Confirmed <i>E. coli</i>
E1, E2, E3, E4, E5, E7, E8, E9, E13 E14, E15, E16, E17, E18, E20 E22, E26, E27, E28, E29, E32, E33	+	+	-	-	+	+	A	A	+	-	+	+	+	Probably <i>E. coli</i>
E24	+	+	-	-	+	+	A	A	+	-	+	-	-	Probably <i>E. coli</i>
E6, E10 E11, E19	-	-	+	+	+	+	A	A	+	-	+	+	+	Probably <i>Enterobacter</i> Spp.
E25, E31	-	+	+	+	+	-	A	A	+	-	+	+	+	Probably <i>Klebsiella</i> Spp.
E12, E23	-	-	-	+	+	+	K	K	-	-	-	-	-	Probably <i>Pseudomonas</i>

Biochemical test results of selected DFI *E. coli* strains; IMViC (I=Indole, M=Methyl red, V= Voges proskauer, C=Citrate), Ca=Catalase Mo=Motility, TSI (Triple sugar Iron) test (A=Acid, k=Alkaline), Sugar (Xy=Xylose, Ma=Mannitol, So=Sorbitol)

Supplementary table-1B: Biochemical test and presumptive re-identification of selected DFI *Klebsiella* strains:

Strain ID	IMViC				Ca	M o	TSI agar test			H ₂ S	Sugar fermentation			Presumptive result
	I N	M R	V P	Ci			slant	but t	gas		Xy	M a	So	
Ref. stain <i>Klebsiella pneumoniae</i>	-	-	+	+	+	-	A	A	+	-	+	+	+	<i>Klebsiella pneumoniae</i>
K1, K2, K3, K4, K5, K8, K9, K10, K12, K13, K15, K16, K25, K26, K28, K29, K31, K33, K35, K39, K41, K42, K45, K46, K47, K49, K50	-	V	V	+	+	-	A	A	+	-	+	+	+	Probable <i>Klebsiella</i>
K6, K14, K19, K17, K32, K40,	-	-	+	+	+	+	A	A	+	-	+	+	+	Probable <i>Enterobacter</i> Spp.
K7, K11, K34	+	+	-	-	+	+	A	A	+	-	+	+	+	Probable <i>E. coli</i>
K20, K21, K23, K24, K27, K38, K43, K48	-	-	-	+	+	+	K	K	-		-	-	-	Probable <i>Pseudomonas</i> Spp.

Biochemical test results of selected DFI *Klebsiella* strains; IMViC (I=Indole, M=Methyl red, V= Voges Proskauer, C=Citrate), Ca=Catalase Mo=Motility, TSI (Triple sugar Iron) test (A=Acid, K=Alkaline), Sugar (Xy=Xylose, Ma=Mannitol, So=Sorbitol)